

Claims

1. A sole (6) for anti-slipping shoes of the type comprising foldaway anti-slipping means (12) arranged in the face of the sole that will come in touch with the ground, characterized in that said anti-slipping means to increase the adherence to the ground are secured to semirigid supporting members (10) that are hinged to the sole so as to be lifted from the same by rotation like a flag and in that are rotating by at least 180° with respect to a their own symmetry axis other than the axis of hinge/lifting from the shoe sole and not parallel thereto, each such supporting member at the heel portion and/or at the sole portion being housed in its own single recess or groove (8) arranged in the sole-tread thickness of the heel and sole portions, respectively; said sole being provided with protusions from the ground of the sole.
2. The sole according to the preceding claim, characterized in that said folding supporting members (10) have two opposite faces to one of which said means (12) to increase the adherence consisting of nails or a coating of rubber material are secured, thus obtaining that in a first position, the position of use, said nails (12) protrude from the sole (6) by as much as it is enough to guarantee the grip to the ground, while in the second position, the rest position, the nails or the rubber coating are directed to the shoe sole and are housed within suitable recesses formed in corresponding positions in the bottom of the print (8) receiving the supporting

members so that the continuity of the shoe sole is restored without any protrusion.

5 3. The sole according to claim 1 or 2, characterized in that said supporting members (10) for the anti-slipping means (12) are hinged at one end of such symmetry axis about a hinge member (11) secured in a known manner to the shoe sole and having the rotation axis parallel thereto, thus obtaining that the
10 rotation like a flag to lift supporting means (10) is caused by such hinge member (11), while the 180°-folding rotation about its own symmetry axis occurs about pin (P) which connects such supporting means pivotably to the hinge member (11) that rotates with
15 respect to sole (6).

4. The sole according to the preceding claim, characterized in that said hinge member (11) consists of a small arc having ends hinged to sole (6) and to
20 which a pin (P) is secured, said pin having its longitudinal axis coincident with a symmetry axis of supporting member (10) which is pivotable about pin (P) secured to such arc (11).

25 5. The sole according to any preceding claim, characterized in that only one print or groove (8) receives supporting means (10) of nails or areas of high-adherence material (12) in both "extracted" and "retracted" configurations, thus obtaining that said
30 print (8) is free of obstructions or fillings by mould

or other materials which enter the recesses of the tread.

5 6. The sole according to any preceding claim, characterized in that said supporting means (10) of nails or areas of high-adherence material (12) and the corresponding print or groove (8) are formed both in the "sole" and the "heel" portions.